

CLAIMS:

1. A data carrier (2) for the communication of communication data (KD1, KD2) with a base station, having

- processing means (4) for the processing of communicated communication data (KD1, KD2), and having

5 - voltage supply means (5) which are arranged to receive an external supply voltage (U_{EXT}) applied to the data carrier during a charging time interval (T_L) until a turn-on instant (t_{e1} , t_{e2} , t_{e3}) and which are adapted to supply an internal supply voltage (U_{INT}) to the processing means (4), decoupled from the external supply voltage (U_{EXT}), during a consumption time interval (T_{V1} , T_{V2} , T_{V3}) starting at the turn-on instant (t_{e1} , t_{e2} , t_{e3}), the processing means (4) being adapted to interrupt the processing from an interruption instant (t_{u1} , t_{u2} , t_{u3}), when the internal supply voltage (U_{INT}) decreases below a threshold voltage (US), till the turn-on instant (t_{e1} , t_{e2} , t_{e3}),

10 characterized in that there are provided time measurement means (12) which are adapted to measure a processing time interval (T_{P1} , T_{P2} , T_{P3}) defined as the time interval from the turn-on instant (t_{e1} , t_{e2} , t_{e3}) till the interruption instant (t_{u1} , t_{u2} , t_{u3}), and the voltage supply means (5) are adapted to adapt the consumption time interval (T_{V1} , T_{V2} , T_{V3}) to the measured processing time interval (T_{P1} , T_{P2} , T_{P3}).

2. A data carrier (2) as claimed in claim 1, characterized in that the voltage supply means (5) are adapted to reduce the consumption time interval (T_{V1} , T_{V2} , T_{V3}) stepwise when the consumption time interval (T_{V1} , T_{V2} , T_{V3}) is longer than the processing time interval (T_{P1} , T_{P2} , T_{P3}).

3. A data carrier (2) as claimed in claim 1, characterized in that the voltage supply means (5) are adapted to prolong the consumption time interval (T_{V1} , T_{V2} , T_{V3}) to a nominal consumption time interval when the internal supply voltage (U_{INT}) does not decrease below the threshold voltage (US) during the consumption time interval (T_{V1} , T_{V2} , T_{V3}).

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